ABSTRACT

A light engine for a single-panel scrolling-color projection system includes a source filter for filtering out unwanted components from the output spectrum of the source lamp prior to scrolling, and beam splitting filters having filtering characteristics chosen to mask the beamsteering effects caused by the angle sensitivity of the recombination filters. Such a light engine produces color stripes which maintain stable colors during scrolling, without the use of splitting and recombining filters with low angle sensitivities.

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